K101679

510(k) Summary of Safety and Effectiveness

OCT 22 2010

Date Summary Prepared	June 11, 2010
Manufacturer/Distributor /Sponsor	Arthrex, Inc. 1370 Creekside Boulevard Naples, FL 34108-1945 USA
510(k) Contact	Courtney Smith Regulatory Affairs Project Manager Arthrex, Inc. 1370 Creekside Boulevard Naples, FL 34108-1945 USA Telephone: 239/643.5553, ext. 1720 Fax: 239/598.5508 Email: Courtney.smith@arthrex.com
Trade Name	**Arthrex PushLock Anchors**
Common Name	Suture Anchor
Product Code - Classification Name	**MAI** - Fastener, Fixation, Biodegradable, Soft Tissue **HWC** – Screw, Fixation, Bone
Predicate Devices	*K091844:* Arthrex Bio-Composite Suture Tak Anchors *K082810*: Arthrex BioComposite Suture Anchors *K061863:* Arthrex PushLock, Tak and Corkscrew Suture Anchors
Device Description and Intended Use	The ***Arthrex PushLock Anchors*** family is similar to the predicate devices in materials and overall design. The ***Arthrex PushLock Anchors*** family is intended to be used for sutures or tissue fixation in the foot, ankle, knee, hand, wrist, elbow, shoulder, hip. Please see indications for use form for specific indications.
Substantial Equivalence Summary	The ***Arthrex PushLock Anchors*** are substantially equivalent to the **Arthrex BioComposite Suture Anchors** and the **Arthrex PushLock, Tak and Corkscrew Suture Anchors** predicates, in which the basic features and intended uses are the same. Any differences between the *PushLock Anchors* and the predicates are considered minor and do not raise questions concerning safety and effectiveness. The proposed devices are composed of Bio, BioComposite and Peek materials that are substantially equivalent to the predicate devices. The submitted mechanical testing data demonstrated that the

	biomechanical and mechanical testing (insertion and pull-out strength) of the proposed devices is substantially equivalent to the biomechanical and mechanical testing of the predicate devices. Based on the indication for use, technological characteristics, and the comparison to the predicate devices, Arthrex, Inc. has determined that the ***PushLock Anchors*** family is substantially equivalent to currently marketed predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
Document Control Room –WO66-G609
Silver Spring, MD 20993-0002

Arthrex, Inc.
% Ms. Courtney Smith
Regulatory Affairs Project Manager
1370 Creekside Boulevard
Naples, Florida 34108-1945

OCT 2 2 2010

Re: K101679
Trade/Device Name: Arthrex PushLock™
Regulation Number: 21 CFR 888.3040
Regulation Name: Smooth or threaded metallic bone fixation fastener
Regulatory Class: Class II
Product Code: MAI, HWC
Dated: October 19, 2010
Received: October 24, 2010

Dear Ms. Smith:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set

forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please go to http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm.

Sincerely yours,

Mark N. Melkerson
Director
Division of Surgical, Orthopedic,
and Restorative Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number: K101679

Device Name: *Arthrex PushLock™*

The **Arthrex PushLock™ Anchors** are intended to be used for suture (soft tissue) to bone in the shoulder, foot, ankle, knee, hand, wrist, elbow, hip, and pelvis in the following procedures:

Shoulder:	Rotator Cuff Repair, Bankart Repair, SLAP Lesion Repair, Biceps Tenodesis, Acromio-Clavicular Separation Repair, Deltoid Repair, Capsular Shift or Capsulolabral Reconstruction
Foot/Ankle:	Lateral Stabilization, Medial Stabilization, Achilles Tendon Repair, Metatarsal Ligament Repair/Tendon Repair, Hallux Valgus Reconstruction, Mid-foot Reconstruction, Bunionectomy
Knee:	Medial Collateral Ligament Repair, Lateral Collateral Ligament Repair, Patellar Tendon Repair, Posterior Oblique Ligament Repair, Iliotibial Band Tenodesis
Hand/Wrist:	Scapholunate Ligament Reconstruction, Ulnar or Radial Collateral Ligament Reconstruction
Elbow:	Biceps Tendon Reattachment, Tennis Elbow Repair, Ulnar or Radial Collateral Ligament Reconstruction, Lateral Epicondylitis Repair
Hip:	Acetabular Labral Repair.

Prescription Use _X_ AND/OR Over-The-Counter Use _____

(Per 21 CFR 801 Subpart D) (21 CFR 801 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)

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(Division Sign-Off)
Division of Surgical, Orthopedic,
and Restorative Devices

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